

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, September 20th, 1897.

J. V. O'LOUGHLIN, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of July, 1892-97.

Years .....	1892.	1893.	1894.	1895.	1896.	Average of Five Years.	1897.												Total for 1897.
*Population, July 1st	324,424	336,209	343,408	348,081	351,507		351,877												
Births.....	942	966	903	964	903	936	865												5,565
Rate per cent. ....	·290	·287	·263	·277	·257	—	·246												
							All Ages.	Under 1 year.	1 and under 5.	6 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	+Coroners' inquests.	+Uncert- ified causes of Death.		
Deaths—																			
All causes .....	251	332	303	301	339	305	297	57	17	15	47	54	84	22	1	36	10	2,284	
Rate per cent. ....	·077	·099	·088	·086	·096	—	·084	—	—	—	—	—	—	—	—	—	—		
Diseases—																			
I. Specific Febrile or Zymotic ..	21	42	31	12	29	—	13	2	2	2	4	2	1	—	—	—	—		
II. Parasitic .....	3	—	1	—	1	—	2	1	—	—	1	—	—	—	—	—	—		
III. Dietic .....	1	3	—	4	2	—	—	—	—	—	—	—	—	—	—	—	—		
IV. Constitutional..	45	49	59	66	60	—	56	2	3	3	15	18	15	—	—	—	—		
V. Developmental..	29	37	35	46	42	—	42	10	—	—	—	—	18	14	—	—	—		
VI. Local .....	118	171	147	146	177	—	147	25	10	8	21	29	47	7	—	—	—		
VII. Violence .....	11	15	10	10	6	—	16	—	2	1	4	5	3	1	—	—	—		
VIII. Ill-defined and not specified causes .....	23	15	20	17	22	—	21	17	—	1	2	—	—	—	1	—	—		

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.

+ Including inquests.

‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of July, 1897.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
<b>I.</b>			<b>V.</b>			Diseases of locomotive system .....		
Measles .....	—	—	Premature birth.....	9	—	Diseases of integumentary system.....	—	2
Scarlet fever .....	—	1	Cyanosis .....	—	—		—	—
Relapsing fever .....	—	—	Congenital defects.....	1	—	<b>VII.</b>		
Influenza .....	—	2	Old age .....	—	32	(Accident.)		
Whooping-cough .....	—	—	<b>VI.</b>			Fracture and contusion....	—	4
Diphtheria .....	—	—	Apoplexy .....	—	9	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Epilepsy .....	—	—	Cut, stab .....	—	—
Enteric fever .....	—	6	Convulsions .....	1	1	Burn and scald .....	—	3
Simple cholera .....	1	—	Other diseases of brain and nervous system .....	1	12	Poison .....	—	—
Diarrhoea, dysentery.....	—	1	Diseases of organs of special sense .....	—	1	Drowning .....	—	4
Remittent fever .....	—	—	Diseases of circulatory system .....	—	39	Suffocation .....	—	—
Venereal affections.....	—	1	Croup .....	—	—	Otherwise .....	—	—
Erysipelas .....	1	—	Bronchitis .....	10	4	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Pneumonia .....	5	13	Murder and manslaughter..	—	—
Puerperal fever .....	—	—	Pleurisy .....	—	2	(Suicide.)		
Other zymotic diseases .....	—	—	Other diseases of respiratory system.....	—	3	Gunshot wound.....	—	1
<b>II.</b>			Dentition .....	3	1	Cut, stab .....	—	—
Thrush .....	1	—	Quinsy, sore throat .....	—	—	Poison .....	—	2
Worms and other parasitical diseases .....	—	1	Enteritis .....	2	1	Drowning .....	—	—
<b>III.</b>			Peritonitis .....	—	3	Hanging .....	—	1
Privation—want of breast milk	—	—	Diseases of liver.....	—	4	Otherwise .....	—	—
Alcoholism .....	—	—	Other diseases of digestive system.....	3	9	(Execution.)		
<b>IV.</b>			Diseases of lymphatic system and of ductless glands	—	1	Hanging .....	—	1
Rheumatic fever and rheumatism of heart .....	—	—	Diseases of urinary system	—	12	<b>VIII.</b>		
Rheumatism .....	—	1	Diseases of generative system .....	—	1	Dropsy .....	—	—
Gout .....	—	1	Accidents of childbirth....	—	4	Debility, atrophy, inanition	17	—
Cancer, malignant disease....	—	16				Mortification .....	—	—
Tabes mesenterica .....	—	1				Tumor .....	—	—
Tubercular meningitis .....	1	1				Abscess .....	—	—
Phthisis .....	—	29				Hæmorrhage .....	—	—
Scrofula, tuberculosis .....	1	3				Sudden, cause unascertained	—	—
Other constitutional diseases..	—	2				Other ill-defined and not specified causes .....	—	3

## Return of Births and Deaths registered in the City of Adelaide in the Month of July, 1892-97.

Years .....	1892.	1893.	1894.	1895.	1896.	Average of Five Years.	1897.											Total for 1897.
Population, Jan. 1st	38,240	39,073	39,749	40,167	40,406		40,384											
Births .....	95	114	100	96	96	100	103											643
Rate per cent.....	·248	·292	·252	·239	·238	—	·255											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncertified causes of death.	
All causes .....	59	80	55	68	81	69	57	11	—	—	15	13	18	—	—	5	—	488
Rate per cent.....	·154	·205	·138	·169	·200	—	·141	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	3	3	2	2	6	—	2	—	—	—	2	—	—	—	—	—	—	
II. Parasitic .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	1	1	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional ..	7	18	12	18	18	—	10	—	—	—	6	3	1	—	—	—	—	
V. Developmental...	10	6	9	8	7	—	9	3	—	—	—	—	6	—	—	—	—	
VI. Local .....	30	48	29	29	45	—	26	3	—	—	5	3	10	—	—	—	—	
VII. Violence .....	2	3	1	3	2	—	5	—	—	—	2	2	1	—	—	—	—	
VIII. Ill-defined and not specified causes ....	4	1	2	6	2	—	5	5	—	—	—	—	—	—	—	—	—	

\* Including inquests.

+ Not certified by qualified practitioners.

## Causes of Deaths registered in the Month of July, 1897.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.						Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula, tuberculosis ....	—	1	Diseases of locomotive system	—	—
Scarlet fever .....	—	—	Other constitutional diseases	—	1	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.			VII. (Accident.)		
Whooping-cough .....	—	—	Premature birth .....	2	—	Fracture and contusion....	—	3
Diphtheria .....	—	—	Cyanosis .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Congenital defects .....	1	—	Cut, stab .....	—	—
Enteric fever .....	—	2	Old age .....	—	6	Burn and scald .....	—	1
Simple cholera .....	—	—				Poison .....	—	—
Diarrhoea, dysentery .....	—	—	VI.			Drowning .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	3	Suffocation .....	—	—
Venereal affections .....	—	—	Epilepsy .....	—	—	Otherwise .....	—	—
Erysipelas .....	—	—	Convulsions .....	—	—	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Other diseases of brain and nervous system .....	1	4	Murder and manslaughter..	—	—
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	(Suicide.)		
Other zymotic diseases .....	—	—	Diseases of circulatory system	—	9	Gunshot wound .....	—	—
			Croup .....	—	—	Cut, stab .....	—	—
II.			Bronchitis .....	2	—	Poison .....	—	—
Thrush .....	—	—	Pneumonia .....	—	4	Drowning .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	—	Hanging .....	—	—
			Other diseases of respiratory system .....	—	—	Otherwise .....	—	—
III.			Dentition .....	—	—	(Execution)		
Privation—want of breast milk	—	—	Quinsy, sore throat .....	—	—	Hanging .....	—	1
Alcoholism .....	—	—	Enteritis .....	—	—			
			Peritonitis .....	—	—	VIII.		
IV.			Diseases of liver.....	—	—	Dropsy .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Other diseases of digestive system .....	—	1	Debility, atrophy, inanition	5	—
Rheumatism .....	—	—	Diseases of lymphatic sys- tem and of ductless glands	—	—	Mortification .....	—	—
Gout .....	—	1	Diseases of urinary system	—	2	Tumor .....	—	—
Cancer, malignant disease ..	—	1	Diseases of generative system	—	—	Abscess .....	—	—
Tabes mesenterica .....	—	—				Hæmorrhage .....	—	—
Tubercular meningitis .....	—	—				Sudden, cause unascertained	—	—
Phthisis .....	—	6				Other ill-defined and not specified causes .....	—	—



Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of July, 1897.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st, 1897.....	40,384	6,289	7,028	8,551	9,887	3,679	4,950
Persons to an acre .....	11.1	11.0	10.7	15.5	13.8	7.7	7.6
Births .....	103	20	23	31	13	7	9
Male .....	54	15	10	14	8	4	3
Female .....	49	5	13	17	5	3	6
Deaths .....	37	16	8	4	6	1	2
Male .....	21	10	6	2	—	1	2
Female .....	16	6	2	2	6	—	—
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	—	—	—	—	—	—	—
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases.....	—	—	—	—	—	—	—
IV. Constitutional Diseases .....	6	1	2	1	2	—	—
V. Developmental Diseases .....	8	5	1	1	—	—	1
VI. Local Diseases .....	16	5	3	2	4	1	1
VII. Violence.....	2	—	2	—	—	—	—
VIII. Ill-defined and not specified causes .....	5	5	—	—	—	—	—
Percentage of Deaths to population of each Ward .....	.092	.254	.113	.047	.061	.027	.040

Causes of Deaths registered in the Month of July, 1897.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	5	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula, tuberculosis .....	—	—	Diseases of locomotive system	—	—
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.			VII.		
Whooping-cough .....	—	—	Premature birth .....	2	—	(Accident.)		
Diphtheria .....	—	—	Cyanosis .....	—	—	Fracture and contusion ....	—	1
Simple and ill-defined fever ..	—	—	Congenital defects .....	1	—	Gunshot wound .....	—	—
Enteric fever .....	—	—	Old age .....	—	5	Cut, stab .....	—	—
Simple cholera .....	—	—				Burn and scald .....	—	—
Diarrhoea, dysentery .....	—	—	VI.			Poison .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	3	Drowning .....	—	—
Venereal affections.....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Erysipelas .....	—	—	Convulsions .....	—	—	Otherwise .....	—	—
Pyæmia and septicæmia ....	—	—	Other diseases of brain and nervous system.....	1	3	(Homicide.)		
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	Murder and manslaughter ..	—	—
Other zymotic diseases .....	—	—	Diseases of circulatory system	—	5	(Execution)		
			Croup .....	—	—	Hanging .....	—	1
II.			Bronchitis .....	2	—	(Suicide.)		
Thrush .....	—	—	Pneumonia ..	—	1	Gunshot wound .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	—	Cut, stab .....	—	—
			Other diseases of respiratory system .....	—	1	Poison .....	—	—
III.			Dentition .....	—	—	Drowning .....	—	—
Privation — Want of breast milk.....	—	—	Quinsy, sore throat ..	—	—	Hanging .....	—	—
Alcoholism .....	—	—	Enteritis .....	—	—	Otherwise .....	—	—
			Peritonitis .....	—	—			
IV.			Diseases of liver .....	—	—	VIII.		
Rheumatic fever and rheumatism of heart .....	—	—	Other diseases of digestive system .....	—	—	Dropsy .....	—	—
Rheumatism .....	—	—	Diseases of lymphatic system and of ductless glands ....	—	—	Debility, atrophy, inanition	5	—
Gout .....	—	1	Diseases of urinary system ..	—	—	Mortification.....	—	—
Cancer, malignant disease ..	—	—	Diseases of generative system	—	—	Tumor .....	—	—
Tabes mesenterica .....	—	—				Abscess .....	—	—
Tubercular meningitis .....	—	—				Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLIFFE, Registrar of Births and Deaths.

## JULY, 1897.

The highest temperature in the shade at the Adelaide Observatory during the month was  $67^{\circ}\cdot 7$  on the 17th; and the lowest,  $38^{\circ}\cdot 9$ , on the 28th. The mean temperature of the month was  $53^{\circ}\cdot 2$ .

The greatest range of the thermometer in one day,  $21^{\circ}\cdot 5$ , took place on the 8th, viz., from a maximum of  $66^{\circ}\cdot 4$  to a minimum of  $44^{\circ}\cdot 9$ ; the lowest range,  $6^{\circ}\cdot 4$ , on the 11th.

The mean height of the barometer was  $30\cdot 036$  inches; the maximum,  $30\cdot 336$  inches, occurred on the 24th; and the minimum,  $29\cdot 540$  inches, on the 19th.

Observatory, Adelaide, August 3rd, 1897.

C. TODD, Observer.